

CANDY DYES



Technical Data Sheet

Technical Hotline 800.735.0303

PRODUCT NUMBER

FX-10
FX-11
FX-12
FX-13
FX-14
FX-15
FX-16
FX-17
FX-18
FX-19
FX-20
FX-50
FX-51
FX-52
FX-53
FX-54

DESCRIPTION

YELLOW
ORANGE
RED (YELLOW SHADE)
RED (BLUE SHADE)
RED VIOLET
VIOLET
BLUE (GREEN SHADE)
GREEN
BROWN
BLACK
BLUE (RED SHADE)
LEMON
TANGERINE
PURPLE
CABERNET
BLUEBERRY

DESCRIPTION

Candy FX Dyes are a highly concentrated liquid additive designed to provide a clean deep color appearance when added to a variety of "carriers" including MPB-500 and all Matrix System Clearcoats. By design these candy clearcoats are meant to be applied over ground coat colors and then cleared with a Matrix System Clearcoat.

COMPATIBLE SUBSTRATES

All Matrix basecoats and properly prepared substrates. Many competitive basecoats, Important, test spray for compatibility before using other basecoats.

MIXING RATIO

Mix FX Dyes in Matrix clearcoats up to 10% by weight to uncatalyzed clearcoat. Mix slowly and thoroughly by hand and add hardener per clearcoat tech sheet instructions. (The color will become deeper with each additional coat that is applied).

When mixing according MPB formulas consult the MPB-500 technical data sheet for correct mixing and application instructions. Candy FX formulas are available in the AccuShade formula retrieval system. Custom Candy FX colors may be created by mixing Candy FX Series products together to form unique combinations.

**Mix thoroughly before use. PRODUCT MUST BE DISCARDED AFTER 2 HOURS.

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CANDY FX DYES

IMPORTANT WARNINGS:

- MX-57 MUST BE USED IN GROUND COATS, MIDCOATS, AND CANDY FX CANDY CONCENTRATES FORMULAS WHEN UTILIZING MPB-500.
- MIDCOAT MUST BE STRAINED PRIOR TO APPLICATION.
- SPRAY A TEST PANEL BEFORE SPRAYING YOUR PROJECT.
- POT LIFE IS 2 HOURS WHEN MIXED. USING MATERIAL BEYOND THE 2 HOUR POT LIFE MAY RESULT IN WRINKLING OR RESULT IN ADDITIONAL PRODUCT FAILURES.

Note: MX-57 Basecoat Activator is recommended for use whenever elevated film builds such as those resulting from applying multi stage finishes. See the MX-57 Technical Data Sheet for additional information.

Note: Using temperature correct reducers is critical in the application of paint finishes and failure to use the correct temperature reducer can result in a myriad of problems associated with coatings drying too fast or drying too slow.

MIXING OF CANDY FX DYES

Candy FX Dyes may be mixed together for new and custom color effects.

IMPORTANT INFORMATION ABOUT CANDY FX DYES

Candy FX Dyes may bleed through artwork applied over them due to their chemistry, furthermore two component catalyzed clearcoats will NOT prevent their predisposition to bleed through. In an effort to control bleeding, apply 2 coats of MS-42 Clearcoat and allow to dry for 24 hours, wet sand with 600 grit before continuing with artwork.

Candy FX Dyes may have limited light fastness and should only be used on surfaces that have minimal exposure to sunlight.

TEST SPRAY OUT REQUIRED

IMPORTANT! You must test spray a panel before painting your actual project. This is necessary due to all the variables in the custom painting process. By test spraying you will see your end result before you start painting your project. You can practice on a panel and change your application techniques if necessary so your final paint job looks just like you want it to.

ARTWORK & INTERCOAT CLEAR

DO NOT TAPE DIRECTLY ONTO THE MIDCOAT WHENEVER POSSIBLE! If artwork is planned, apply 1 or 2 medium coats of MPB-500 or Matrix clearcoat to protect the underlying paint layer from mishaps such as tape marks, chemical spills or etc that may damage layers applied at a prior date. In addition, the protective clearcoat is easier to sand imperfections out of and will not require to be re-candied after sanding. See tech sheet for more information on MPB-500 or Matrix clearcoat.

CLEARCOAT

All Matrix clearcoats may be used over Candy FX Dyes.

EQUIPMENT CLEANUP



Clean equipment immediately after use with MX-110 Gun Wash or a high quality lacquer thinner.

EXCLUSIVE WARRANTY

There is no warranty on color match, final color, or application of FX products. FX product warranty is exclusively limited to replacement of the FX product only, if and when the product is deemed to be defective by Matrix corporate technical personnel and communicated to the customer in writing. No other contingent liability, labor, or replacement of associated product is covered by this warranty. This is necessary because of the many application variables involved in the custom painting process. FX Custom Finishes are excluded from coverage under the Matrix System warranty program.

TECHNICAL DATA

Color:	Various
Mix Ratio:	See formula
Disposal/Safety:	See MSDS for this product

Manufactured by Matrix System Automotive Finishes.

NOTE: FX Series products are not recommended for use in temperatures below 65°F. Use below these temperatures will effect dry times and performance.

FOR INDUSTRY USE ONLY
Read MSDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

Put it to the test!
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